

**3.3.4 2008 Commercial Energy End-Use Expenditure Splits, by Fuel Type (\$2009 Billion) (1)**

	Natural Gas	Petroleum					Coal (3)	Electricity	Total	Percent
		Distil.	Resid.	LPG	Oth(2)	Total				
Lighting								38.6	38.6	20.1%
Space Heating	18.7	3.3	1.2		0.1	4.6	0.2	8.6	32.1	16.7%
Space Cooling	0.4							23.5	23.9	12.4%
Ventilation								16.2	16.2	8.4%
Refrigeration								12.3	12.3	6.4%
Water Heating	5.2	0.4				0.4		2.9	8.5	4.4%
Electronics								7.2	7.2	3.8%
Computers								6.8	6.8	3.5%
Cooking	2.0							0.7	2.7	1.4%
Other (4)	3.4	0.3		4.0	1.2	5.5		18.0	26.9	14.0%
Adjust to SEDS (5)	8.8	4.0				4.0		4.2	17.0	8.8%
<b>Total</b>	<b>38.6</b>	<b>8.0</b>	<b>1.2</b>	<b>4.0</b>	<b>1.3</b>	<b>14.5</b>	<b>0.2</b>	<b>139.0</b>	<b>192.3</b>	<b>100%</b>

Note(s): 1) Expenditures include coal and exclude wood. 2) Includes kerosene space heating (\$0.1 billion) and motor gasoline other uses (\$1.2 billion). 3) Coal average price is from AEO 2011 Early Release, all users price. 4) Includes service station equipment, ATMs, medical equipment, telecommunications equipment, pumps, lighting, emergency electric generators, and manufacturing performed in commercial buildings. 5) Expenditures related to an energy adjustment EIA uses to relieve discrepancies between data sources. Energy attributable to the commercial buildings sector, but not directly to specific end-uses.

Source(s): EIA, Annual Energy Outlook 2011 Early Release, Dec. 2010, Summary Reference Case Tables, Table A2, p. 3-5, Table A3, p. 6-8 for prices, and Table A5, p. 11-12 for energy consumption; EIA, National Energy Modeling System (NEMS) for AEO 2011 Early Release, Dec. 2010; EIA, Annual Energy Review 2007, August 2010, Appendix D, p. 383 for price deflators; BTS/A.D. Little, Energy Consumption Characteristics of Commercial Building HVAC Systems, Volume II: Thermal Distribution, Auxiliary Equipment, and Ventilation Oct. 1999, p. 1-2, 5-25 and 5-26 for ventilation; and BTP/Navigant Consulting, U.S. Lighting Market Characterization, Volume I, Sept. 2002, Table 8-2, p. 63.; EIA, Supplement to the AEO 2011 Early Release, Dec. 2010, Table 32.